Robert Greene Sterne Edward J. Kessler Jaggel A. Goldstein Begrif K.S. Cornwell Stevene G. Durkin Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee Steven R. Ludwig John M. Covert Linda E. Alcorn Robert C. Millonig Lawrence B. Bugaisky Donald J. Featherstone Michael V. Messinger Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Jeffrey T. Helvey Heldi L. Kraus Albert L. Ferro* Donald R. Banowit Peter A. Jackman Teresa U. Medler Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Eldora Ellison Floyd Thomas C. Fiala Brian J. Del Buono Vingil Lee Beaston Theodore A. Wood Elizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman George S. Bardmesser Daniel A. Klein Jason D. Eisenberg Michael D. Specht Andrea J. Kamage Tracy L. Muller LuAnne M. DeSantis Ann E. Summerfield Tirera S. Coston Aric W. Ledford* Helene C. Carlson Timothy A. Doyle* Jessica L. Parezo Gaby L. Longsworth* Lori A. Gordon* Nicole D. Dretar Ted J. Ebersole Jyoti C. Iyer* Laura A. Vogel Registered Pate Karen R. Marko Nancy J. Leith Matthew J. Dow

Registered Patent Agents-Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Aaron L. Schwartz Katrina Vijain Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Michelle K. Holoubek Robert H. DeSelms Simon J. Elliott Julie A. Heider Mita Mukherjee Scott M. Woodhouse Michael G. Penn Christopher J. Walsh

Of Counsel Kenneth C. Bass III Evan R. Smith Marvin C. Guthrie

*Admitted only in Maryland * Admitted only in Virginia • Practice Limited to Federal Agencies

July 29, 2004

WRITER'S DIRECT NUMBER:
(202) 772-8643
INTERNET ADDRESS:
AFERRO@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Mail Stop: RCE

Examiner: Nguyen, Judy

Art Unit: 2861

Confirmation No.: 8194

Re:

U.S. Utility Patent Application

Application No. 10/004,816; Filed: December 7, 2001

For: An Electromechanical Transducer with an Adhesive Layer and an

Anti-Diffusion Layer

Inventor:

Masami MURAI

Our Ref:

1089.0310001/ALF

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal (Form PTO/SB/17);
- 2. Request for Continued Examination (RCE) Transmittal (PTO/SB/03);
- 3. Reply Under 37 C.F.R. § 1.111;
- 4. Second Supplemental Information Disclosure Statement;
- 5. List of Documents cited on Form PTO/SB/08a (1 page);
- 6. Copy of one (1) document cited on Form PTO/SB/08a (Doc. No. AH1);
- 7. One (1) return postcard; and
- 8. PTO-2038 Credit Card Payment Form in the amount of \$770.00 to cover the filing fee for the RCE.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

Commissioner for Patents July 29, 2004 Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicant Registration No. 44,679

ALF/MAP/awt Enclosures

291135_1.DOC

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

PTO/SB/17 (10-03)

Under (5) Paperwork Reduction Act of 1995, no persons are required to r	U.S. Patent and Tr espond to a collection of info			
FEE TRANSMITTAL	Complete if Known			
FEE IRANSWILLIAL	Application Number	10/004,816		

for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27

(\$)

770.00

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	10/004,816			
Filing Date	December 7, 2001			
First Named Inventor	Masami MURAI			
Examiner Name	Nguyen, Judy			
Art Unit	2861			
Atternay Decket No.	1089 0310001/ALF			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check X Credit card Money X Other** None	3. Al	3. ADDITIONAL FEES				
*Charge any deficiencies or credit any overpayments in	Large I	Large Entity Small Entity				
Deposit Account: the fees to Deposit Acct. No. 19-0036.	Fee			Fee	Fee Description	
Deposit Account 19-0036	Code 1051	(\$) 130	Code 2051	(\$) 65	Surcharge - late filing fee or oath	Fee Paid
Number Deposit	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.	1032	30	2002		cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
Charge fee(s) indicated below Credit any overpayments		2,520	1812	_,	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.					Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Fee Pescription Fee Paid	1253	950	2253		Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	\vdash
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	\vdash
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 20 **= X =	1503	640	2503	320	Plant issue fee	—
Claims 3 **= X =	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 ČFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	, , , , , , , , , , , , , , , , , , , ,	770.00
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	•	
and over original patent			1		of a design application	
SUBTOTAL (2) (\$) 0.00	SUBTOTAL (2) (\$) 0.00 Other fee (specify)					770.00
**or number previously paid, if greater; For Reissues, see above	*Redu	rced by	Basic	Filing F	ee Paid SUBTOTAL (3)	770.00

(Complete (if applicable)) SUBMITTED BY Registration No. Telephone (202) 371-2600 Name (Print/Type) 44.679 Albert L. Ferro Date July 29, 2004 Signature

> WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.